

AMENDMENTS TO THE CLAIMS

1-7. (Cancelled)

8. (Currently Amended) A speaker apparatus comprising:
an amplifier operable to receive an input signal and to output an amplified signal;
a speaker unit operable to reproduce the amplified signal and to radiate an acoustic output signal;
an acoustic pipe mounted in front of said speaker unit;
a microphone disposed in said acoustic pipe, said microphone being operable to detect the acoustic output signal radiated from said speaker unit; and
a feedback circuit operable to feed the acoustic output signal detected by said microphone back to an input side of said amplifier;

wherein said microphone is placed at a position where at least sound pressure of resonance occurring in a longitudinal direction, in a latitudinal direction orthogonal to the longitudinal direction, and in a direction orthogonal to both the longitudinal direction and the latitudinal direction of the acoustic pipe is low enough so as not to cause oscillation; and

wherein said microphone is placed at a position where sound pressure of at least one of a second and third pipe resonance in the longitudinal direction, in the latitudinal direction and in the direction orthogonal to both the longitudinal direction and the latitudinal direction of the acoustic pipe is low enough so as not to cause oscillation, and where at least sound pressure of a resonance occurring in a closed space of the acoustic pipe is low enough so as not to cause oscillation.

9. (Previously Presented) The speaker apparatus according to claim 8, wherein said microphone is mounted at an inner space position in said acoustic pipe via a bracket.

10. (Cancelled)

11. (Previously Presented) The speaker apparatus according to claim 10, wherein said microphone is mounted at an inner space position in the acoustic pipe via a bracket.

12. (Previously Presented) The speaker apparatus according to claim 8, wherein said feedback circuit comprises an adder/subtractor and a microphone amplifier.

13. (Previously Presented) The speaker apparatus according to claim 12, wherein said microphone amplifier is operable to amplify the acoustic output signal detected by said amplifier and to output the acoustic output signal, and said adder/subtractor is operable to receive the acoustic output signal and to feed the acoustic signal back to the input side of the amplifier.

14. (Previously Presented) The speaker apparatus according to claim 13, further comprising a subtractor operable to correct the input signal received by said amplifier by mixing the acoustic output signal output by said adder/subtractor with an external input signal.

15. (Previously Presented) The speaker apparatus according to claim 8, further comprising a subtractor operable to correct the input signal received by amplifier by mixing the acoustic output signal with an external input signal.